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PCT

526 Rec'd PCT/PTO 19 JUN 2000

FORM PTO-1390 4REV. 5-93)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	CASE NO. 9185/5 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 09/15/01 949
INTERNATIONAL APPLICATION NO. PCT/US98/27374	INTERNATIONAL FILING DATE 23 December 1998	PRIORITY DATE CLAIMED 29 December 1997	
TITLE OF INVENTION ENERGY MINIMIZATION FOR CLASSIFICATION, PATTERN RECOGNITION, SENSOR FUSION, DATA COMPRESSION, NETWORK RECONSTRUCTION AND SIGNAL PROCESSING			
APPLICANT(S) FOR DO/EO/US Glickman, Jeff B. and Wolman, Abel			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371 <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)) and/or amendments under Article 34. 			
Items 11. to 16. Below concern other document(s) or information included:			
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <ol style="list-style-type: none"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input checked="" type="checkbox"/> Other items or information: An Amendment to the Abstract not transmitted by the International Bureau. 			

U.S. APPLICATION NO. (Chosen see 37 CFR 1.50) 09/581,949 not yet assigned		INTERNATIONAL APPLICATION NO. PCT/US98/27374	CASE NO. 9185/5	
17. <input checked="" type="checkbox"/> The following fees are submitted:				
Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO		\$840.00		
International preliminary examination fee paid to USPTO (37 CFR 1.492(2)(1))		\$670.00		
No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.492(a)(2))		\$760.00		
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.492(a)(3)) paid to USPTO.....		\$970.00		
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)		\$96.00		
ENTER APPROPRIATE BASIC FEE AMOUNT				
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				
Claims	Number Filed	Number Extra	Rate	
Total Claims	43- 20 =	23	x \$ 18.00	
Independent Claims	21- 3 =	18	x \$ 78.00	
Multiple dependent claim(s) if Applicable		0	+ \$260.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 2488.00
Reduction by $\frac{1}{2}$ for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28)				
SUBTOTAL =				\$ 1244.00
Surcharge of \$130.00 for furnishing the English translation later than the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				
TOTAL NATIONAL FEE=				\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31), \$40.00 per property +				
TOTAL FEES ENCLOSED=				\$ 1244.00
				Amount to be refunded
				charged
a. <input checked="" type="checkbox"/>	A check in the amount of \$1244.00 to cover the above fees is enclosed.			
b. <input type="checkbox"/>	Please charge my Deposit Account No. 23-1925 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.				
Send All Correspondence to:		Brinks Hofer Gilson & Lione P.O. Box 10395 Chicago, IL 60610		
		 Signature John G. Rauch		
		Name 37,218		
		Registration Number		

09/581949

TRANSMITTAL LETTER TO THE
UNITED STATES RECEIVING OFFICE

Date	September 22, 1999
International Application No.	PCT/US/27374
Attorney Docket No.	9185/5

I. Certification under 37 CFR 1.10 (if applicable)

Express Mail mailing number
EL339000680US

534 Rec'd PCT/US 19 JUN 2000

September 22, 1999
Date of Deposit

II. New International Application

TITLE	
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Earliest priority date
(Day/Month/Year)

SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

- A. The invention disclosed was not made in the United States.
- B. There is no prior U.S. application relating to this invention.
- C. The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority)

application no.	filed on
application no.	filed on

- D. The present international application is identical to contains less subject matter than that found in the prior U.S. application(s) identified in paragraph 3 above.
- E. The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C above. The additional subject matter is found on pages and DOES NOT ALTER MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.

III. A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:

- A. A Request for An Extension of Time to File a Response
- B. A Power of Attorney (General or Regular)
- C. Replacement Pages:

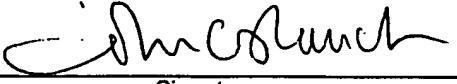
pages	of the request (PCT/RO/101)	pages	of the figures
pages	of the description	pages	54
pages	of the claims		of the abstract

- D. Submission of Priority Documents

Priority Document	Priority Document
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- E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex.

IV. A Request for Rectification under PCT Rule 91 A Petition A Sequence Listing DisketteV. Other (please identify): Response to Communication in Cases for Which No Other Form is Applicable

<input type="checkbox"/> Applicant	
<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 37,218	John G. Rauch
<input type="checkbox"/> Common Representative	 Signature

The person
signing this
form is the: